



FFa

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/084,981      Confirmation No.: 2225  
Applicant(s): Jansen, Stefan      Art Unit: 2921  
Filed: March 1, 2002  
Examiner: Wimer, Michael C.

Title: Multilayer PCB Antenna

Attorney Docket No.: 800.0524.U1US)  
Customer No.: 10,948

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Request for Corrected Filing Receipt

Sir:

This is in response to the Updated Filing Receipt dated May 17, 2002 (copy enclosed) in regard to the above-identified patent application. The Updated Filing Receipt contains an error.

The Foreign Applications should also indicate priority data information: United Kingdom GB 0105413.9 3/5/2001. See application filed March 1, 2002, and attached postcard stamped by the USPTO indicating receipt of the priority claim. See also the attached Claim for Priority filed with the original application. Also attached is a copy of the Supplemental Declaration filed on October 24, 2002 indicating both priority claims.

Please send the undersigned a corrected Filing Receipt including the correction indicated on the attached marked-up Filing Receipt.

Thank you.

Respectfully submitted,

Christine W. Beninati 1/31/11  
Christine W. Beninati (Reg. No. 37,967) Date

**Customer No.: 10,948**

Harrington & Smith, Attorneys at Law, LLC  
4 Research Drive  
Shelton, CT 06484-6212  
203-925-9400

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail on the date shown below in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

2/8/11  
Date

J. Wroniak  
Name of Person Making Deposit



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/084,981	03/01/2002	2821	1086	1076.41311X00	3	32	2

020457  
ANTONELLI TERRY STOUT AND KRAUS  
SUITE 1800  
1300 NORTH SEVENTEENTH STREET  
ARLINGTON, VA 22209

DES

CONFIRMATION NO. 2225

UPDATED FILING RECEIPT



\*OC000000008148390\*

Date Mailed: 05/17/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Stefan Jansen, Valby, DENMARK;

**Domestic Priority data as claimed by applicant****Foreign Applications**

UNITED KINGDOM GB 0105251.3 03/02/2001 and UNITED KINGDOM GB 0105413.9

03/05/2001

If Required, Foreign Filing License Granted 03/22/2002

Projected Publication Date: 09/05/2002

Non-Publication Request: No

Early Publication Request: No

**Title**

Multilayer PCB antenna

**Preliminary Class**

343

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

Patent ☒ Trademark ☐ 1076.41311X00

Serial No. \_\_\_\_\_ Filed March 1, 2002

Applicant(s) JANSEN, et al.

Papers filed herewith on March 1, 2002

☒ Fees \$ 956.00

☐ Assignment

☒ New Application

☐ Letter to Draftsman

☐ Amendment

☐ Priority Documents

☐ Notice of Appeal

☐ Petition for Ext. of Time

☐ Appeal Brief

☒ 3 Sheets of Formal Drawings

☒ Other Specification, (32) Claims, Abstract (10 pgs), Figs. 1-3, Credit Card Payment Form, Fee Transmittal Form, Claim For Priority Letter

Receipt is hereby acknowledged of the papers filed as indicated in connection with above identified case.

COMMISSIONER OF PATENTS AND TRADEMARKS

3/2/02 07 40576

Please type a plus sign (+) inside this box →



PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.		1076.41311X00	
	First Inventor		JANSEN, STEFAN	
	Title	MULTIPLAYER PCB ANTENNA		
	Express Mail Label No.			
<b>APPLICATION ELEMENTS</b>  SEE MPEP chapter 600 concerning utility patent application contents.			<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
<div><div><div>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small></div><div>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</div><div>3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages: 10]</span> <small>(preferred arrangement set forth below)</small><ul style="list-style-type: none"><li>-Descriptive title of the invention</li><li>-Cross Reference to Related Applications</li><li>-Statement Regarding Fed sponsored R &amp; D</li><li>-Reference to sequence listing, a table, or a computer program listing appendix</li><li>-Background of the Invention</li><li>-Brief Summary of the Invention</li><li>-Brief Description of the Drawings (if filed)</li><li>-Detailed Description</li><li>-Claim(s)</li><li>-Abstract of the Disclosure</li></ul></div><div>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Pages: 3]</span></div><div>5. Oath or Declaration <span style="float: right;">[Total Pages: _____]</span><div>a. <input type="checkbox"/> Newly executed (original or copy)</div><div>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <small>(for continuation/divisional with Box 18 completed)</small><div>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</div></div></div><div>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</div></div><div><div>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</div><div>8. Nucleotide and/or Amino Acid Sequence Submission <small>if applicable, all necessary</small><div>a. <input type="checkbox"/> Computer Readable Form (CRF)</div><div>b. Specification Sequence Listing on:<div>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</div><div>ii. <input type="checkbox"/> paper</div></div><div>c. <input type="checkbox"/> Statements verifying identity of above copies</div></div></div></div> <div><b>ACCOMPANYING APPLICATION PARTS</b><div>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; documents(s))</div><div>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small></div><div>11. <input type="checkbox"/> English Translation Document (if applicable)</div><div>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</div><div>13. <input type="checkbox"/> Preliminary Amendment</div><div>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small></div><div>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></div><div>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</div><div>17. <input checked="" type="checkbox"/> Other: <b>Figs. 1-3, Credit Card Payment Form, Claim For Priority Letter</b></div></div>				

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

  
(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name: **ANTONELLI, TERRY, STOUT & KRAUS, LLP**

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Country: \_\_\_\_\_ Telephone: **(703) 312-6600** Fax: **(703) 312-6666**

Name: **Donald E. Stout** Registration No. (Attorney/Agent): **26,422**

Signature: \_\_\_\_\_ Date: **March 1, 2002**



PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

## Complete if Known

Application Number	
Filing Date	March 1, 2002
First Named Inventor	JANSEN, STEFAN
Examiner Name	
Group Art Unit	
Attorney Docket No.	1076.41311X00

TOTAL AMOUNT OF PAYMENT (\$ 956.00

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:  
 Deposit Account Number 01-2135  
 Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP  
☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant Claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:  
☐ Check ☒ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION

### 2. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) 740.00

### 1. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
32-20** = 12	x 18		= 216.00
Indep. Claims 2-3** = 0	x 84		= 0
Multiple Dependent	280		= 0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 216.00

\*\*or number previously paid, if greater; For Reissues, see above.

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examination action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	For each additional invention to be examined (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Donald E. Stout	Registration No. (Attorney/Agent)	26,422	Telephone	703-312-6600
Signature				Date	03/01/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



1076.41311X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: JANSEN, Stefan

Filed: March 1, 2002

For: MULTIPLAYER PCB ANTENNA

**CLAIM FOR PRIORITY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

March 1, 2002

Sir:

Under the provisions of 35 USC §119 AND 37 CFR § 1.55, Applicants hereby claim the right of priority based on Patent Application Nos. 0105251.3 and 0105413.9 filed in Great Britain on March 2, and 5, 2001, respectively.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

---

Donald E. Stout  
Registration No. 26,422

1300 North Seventeenth Street  
Suite 1800  
Arlington, VA 22209  
Tel.: 703-312-6600  
Fax: 703-312-6666  
DES/alb